# Mountain Weather Forecast

## Yorkshire Dales National Park

Forecast valid from 06:00 on Monday 04 Jan 2021 until 23:59 on Tuesday 05 Jan 2021

Forecast Issued on Monday 04 Jan 2021 at 03:15

**Confidence:** High for the cold conditions with snow at times. Medium for timings of any snow.

**Headline for Monday 04 Jan 2021:** Rather cloudy with occasional bright or clear spells and snow showers.

**Mountain weather hazards on Monday 04 Jan 2021**

**Blizzards**
Low Likelihood

**Heavy Snow**
Low Likelihood

**Storm force winds**
No Likelihood

**Gales**
No Likelihood

**Severe chill effect**
Medium Likelihood

**Poor visibility**
Medium Likelihood

**Thunderstorms**
No Likelihood

**Heavy persistent rain**
No Likelihood

**Strong sunlight**
No Likelihood

| **Weather and chance of precipitation at 600m** | | | | | |
|---|---|---|---|---|---|
| Time | | | | | |
| 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | |
| Heavy snow showers (night) | Light snow showers | Heavy snow showers | Light snow showers | Light snow showers (night) | Light snow showers (night) |
| Precipitation probability | | | | | |
| 60% | 60% | 60% | 40% | 40% | 60% |

**Forecast for Monday 04 Jan 2021**

**Weather:** Rather cloudy with occasional bright or clear spells and snow showers, although rain or sleet at times below 300m. Temporary blizzard conditions possible over tops in any heavy snow showers. Perhaps show showers easing briefly for a time this afternoon.

**Chance of cloud free mountain/hill tops above 600m:** 60%, extensive cloud with bases 600 to 900m, lowering significantly in showers.

**Visibility:** Very good falling moderate or poor in snow showers, occasionally very poor at height.

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# Mountain Weather Forecast

**Forecast for Monday 04 Jan 2021**

| Height (m) | Wind Speed mean/gusts (mph) Wind Direction (blowing from) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 20/27 NE | 22/31 NE | 21/29 NE | 20/30 NE | 20/31 NE | 19/28 NE | 17/26 NE |
| **300** | 9/23 NE | 11/27 NE | 11/25 NE | 12/27 NE | 12/29 NE | 10/25 NE | 9/22 NE |
| **Valley** | 8/23 NE | 8/24 NE | 9/22 NE | 9/24 NE | 10/25 NE | 9/25 NE | 7/20 NE |

| Height (m) | Temperature / Feels Like (°C) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | -1/-8 | -1/-8 | -1/-8 | -1/-8 | -2/-9 | -2/-9 | -2/-9 |
| **300** | 1/-3 | 1/-4 | 2/-3 | 1/-3 | 0/-5 | 0/-4 | -0/-4 |
| **Valley** | 2/-1 | 2/-1 | 4/0 | 3/-1 | 2/-2 | 1/-3 | 0/-3 |
| **Freezing Level*** | 400m | 400m | 400m | 400m | 300m | 200m | 200m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

A severe wind chill expected at height. Locally significant snowfall possible if showers align.

**Recent rainfall:** measured at Malham: altitude 375m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 03:00 on Sun 03 Jan 2021 | 0.8mm | 1mm | 2.4mm |

**Forecast for Tuesday 05 Jan 2021**

**Weather:** Another rather cloudy day with snow showers, although rain or sleet at times at lowest levels. The snow showers could again from bands or lines with locally significant snowfall possible.

**Maximum wind:** Northeast 20 to 25mph gusting 35mph with a severe wind chill over the tops.

**Chance of cloud free mountain/hill tops above 600m:** 60%, extensive cloud with bases 600 to 900m

**Visibility:** Very good falling moderate or poor in snow showers, occasionally very poor at height.

**Temperature:** **Valleys:** Minus 2 rising to Plus 2 Celsius around the middle of the day.
**At 600m:** Minus 2 Celsius
**Freezing level:** Most levels, rising to around 300m around the middle of the day.

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